11. (Amended) A method of producing a binding assay device, said method comprising the steps of:

providing a porous membrane comprising a material enabling capillary movement of a liquid sample from a first area of the membrane to a second area of the membrane;

disposing a detection site on the membrane between the first and second areas;

providing a non-absorbent medium having a bottom side with an adhesive disposed on the bottom side;

disposing a solubilized reagent onto the medium bottom side;

evaporating a solvent in the solubilized reagent to provide a dry reagent on the medium bottom side; and

adhering the medium bottom side to the membrane between the first area and said detection site.

16. (Amended) The method according to claim 11 wherein the non-porous medium is provided with adhesive covering the center medium bottom side and the solubilized reagent is disposed onto the adhesive.

17. (Amended) The method according to claim 16 wherein the evaporated reagent is disposed as a bead along the non absorbent medium and the step of evaporating the subject results in a strip of dry reagent along the medium.

21. (Amended) The method according to claim 19 further comprising the step of varying the concentrate of the sugar in the solubilized reagent in order to control a rate of mobilization of the reagent into the membrane upon passage of liquid sample therepast.

22. (Amended) The method according to claim 19 further comprising the step of varying the concentration of the sugar in the particle based reagent in order to increase a viscosity thereof thereby enabling reagent to be applied in bead form without collapse or separation of the bead upon movement of the medium and drying of the solubilized reagent.

23. (Amended) A method of producing a binding assay device, said method comprising the steps of:

providing a porous membrane comprising a material enabling capillary movement of a liquid from a first area of the membrane to a second area of the membrane;

disposing a detection site on the membrane between the first and second areas;

providing a non-absorbent medium having a bottom side with an adhesive disposed on the bottom side;

disposing a solubilized reagent onto the adhesive;

evaporating a solvent in the solubilized reagent to provide a dry reagent on the adhesive; and

adhering the medium bottom side to the membrane between the first area and said detection site.

24. (Amended) The method according to claim 23 wherein the non-absorbent medium is provided with adhesive covering an entire medium bottom side.

25. (Amended) The method according to claim 24 wherein the evaporated reagent is disposed as a bead along the non-absorbent medium and the step of evaporation the